

**ABSTRACT**

5 The invention relates to a method for the thermal sterilization of air used to ventilate spaces requiring air with a low microorganism content. The method is characterized in that the air to be sterilized is circulated by forced flow in a cyclic manner in opposing directions, for example using an air circulator (1) and feed valves (3), through a thermal sterilization chamber (12) housing an electrical resistor (7) which is positioned between two stacks of wire grilles (8, 9), with the air flowing perpendicularly to the stacked positioning of the grilles.